

## AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph beginning on page 2, line 1 and ending on page 2, line 2 with the following amended paragraph:

A1 Figure 2 is ~~a flowchart of a memory write operation in accordance with the present invention~~ illustrates a memory model that can be implemented as a lookup table for use in modeling a physical memory of an electronic circuit design.

Please replace the paragraph beginning on page 2, line 3 and ending on page 2, line 4 with the following amended paragraph:

A2 Figure 3 is ~~a flowchart of a memory read operation in accordance with the present invention~~ illustrates a memory model that can be implemented as a lookup table for use in modeling a physical memory of an electronic design.

Please replace the paragraph beginning on page 2, line 5 and ending on page 2, line 6 with the following amended paragraph:

A3 Figure 4 is a flowchart of an exemplary memory write operation according to the memory model of the present invention.

Please replace the paragraph beginning on page 2, line 7 and ending on page 2, line 8 with the following amended paragraph:

A4 Figure 5 is a flowchart of an exemplary memory read operation according to the memory model of the present invention.